Table 32a

Expectation of developing products or processes as a result of IT-based innovation in the next 12 months, by selected company characteristics: 2001

(Frequency)

| Characteristic | Total | Expectation | | | | Nonresponse | Not applicable[2] |
| | | Innovators[1] | | Noninnovators | | | |
		Definitely yes	Probably yes	Probably not	Definitely not		
All companies……………………………………	72,400	2,700	7,400	18,900	18,100	1,100	24,300
IT……………………………...………	9,700	300	1,200	1,600	1,000	S	5,500
Manufacturing………………………..…	3,000	S	400	900	600	S	1,000
Communication…………………..........	1,600	S	100	200	200	S	1,000
Computer related services…………………	5,100	S	700	500	S	0	3,400
Non-IT………………………………………	62,700	2,300	6,300	17,300	17,000	1,000	18,800
Manufacturing…………………………..…	39,300	S	4,000	12,600	10,900	S	9,700
Transportation & public utilities……………	8,500	S	800	1,900	2,700	S	2,700
Finance, insurance & real estate…………	11,900	S	1,100	2,100	2,700	S	5,200
Engineering & AAB services………………	2,900	S	300	700	700	S	1,100
By revenue size							
$2.5M to $4.9M……………….……………	26,500	900	2,800	7,100	7,400	S	7,600
$5M to $9.9M…………………………….…	17,800	S	1,800	5,100	4,400	S	5,800
$10M to $24.9M……………….………….…	16,100	S	1,500	4,000	4,400	S	5,500
$25M to $50M…………………….…………	6,000	S	S	1,600	900	S	2,100
Above $50M…………………….………..…	5,900	S	S	1,100	S	S	3,300

[1] Breakdowns of expected innovators exclude 32 cases, representing 1,100 companies, in which innovator status could not be determined. The survey was conducted during the period July 2001–April 2002.

[2] Not applicable represents those respondents who reported that their companies had engaged in IT-based innovation activities in the past 12 months and who therefore were not asked about expected innovation activities in the next 12 months.

KEY: IT=information technology; AAB=accounting, auditing, bookkeeping; S=suppressed for reasons of reliability due to receiving less than 20 responses

NOTES: Responses are to question 11: "Do you believe your company will develop products or processes as a result of IT-based innovation in the next 12 months?" This question was only asked of respondents who reported that their company did not develop a product or process in the past 12 months as a result of IT-based innovation. Total nonresponse consists of item nonresponse and don't know responses.

IT is defined as the hardware and software that support the production or use of computer-based information systems, the infrastructure necessary to access such information systems, or data processing services. Companies are classified as IT or Non-IT based on their 4-digit SIC number. IT Manufacturing includes companies with SICs of 3571-3579, 3651, 3661-3679, 3895, 3823-3826. IT Communication includes companies with SICs of 4812-4822, 4832, 4833, 4841-4899. IT Computer related services includes companies with SICs of 7371-7379. Non-IT Manufacturing includes companies with SICs of 2011-3569, 3581-3648, 3652, 3691-3694, 3699-3822, 3827-3999. Non-IT Transportation & public utilities includes companies with SICs of 4011-4231, 4412-4789, 4911-4971. Non-IT Finance, insurance & real estate includes companies with SICs of 6011-6036, 6081-6153, 6159, 6162-6799. Non-IT Engineering & AAB services includes companies with SICs of 8711, 8721.

SOURCE: National Science Foundation, 2001 Information Technology Innovation Survey.